CompTIA Network+ Certification Course - TTCTN100

Build on your existing user-level knowledge and experience with personal computer operating systems and networks, adding fundamental skills and concepts that you will need to advance in a networking career.

Duration: 5 Days
Skill Level: Intermediate
Available Format: Instructor-Led Online ; On Public Schedule

Build on your existing user-level knowledge and experience with personal computer operating systems and networks, adding fundamental skills and concepts that you will need to advance in a networking career.

What You'll Learn

Overview

CompTIA Network+ Certification (N10-009) builds on your existing user-level knowledge and experience with personal computer operating systems and networks, adding fundamental skills and concepts that you will need to advance in a networking career. As such, it focuses on the content described in the exam objectives for the CompTIA Network+ certification.

Our CompTIA Network+ Certification Course allows you to demonstrate the concepts covered on the Network+ exam using a sophisticated remote lab environment. You will work through several practice exams to reinforce your knowledge and gain essential networking skills in labs featuring networking devices such as routers, switches, access points, and others.

Certification exam vouchers are available as an add-on for an additional fee.

Objectives

- Establish network connectivity by deploying wired and wireless devices
- Explain the purpose of documentation and maintain network documentation
- Configure common network services
- Explain basic datacenter, cloud, and virtual-networking concepts
- Monitor network activity and troubleshoot performance and availability issues
- Implement network security hardening techniques
- Manage, configure, and troubleshoot network infrastructure

Audience

Our CompTIA Network+ Certification Course (N10-009) is intended for entry-level computer support professionals with a basic knowledge of computer hardware, software, and operating systems who wish to increase their knowledge and understanding of networking concepts and acquire the required skills to prepare for a career in network support or administration. In particular, the following individuals will benefit from this course:

- IT personnel who need a solid foundation in networking
- Managers and supervisors who must oversee network-related activities
- Individuals interested in pursuing the CompTIA Network+ certification exam (N10-009)

Pre-Requisites

- Configure and support PC, laptop, mobile (smartphone / tablet), and print devices
- Know basic network terminology and functions (such as Ethernet, TCP/IP, switches, routers)
- Configure and manage users, groups, and shared resources in a simple SOHO network
- Understand the use of basic access control measures, such as authentication, security policy, encryption, and firewalls
- Understand TCP/IP addressing, core protocols and troubleshooting tools

Agenda

Lessons:
- Explaining Network Topologies
- Supporting Cabling and Physical Installations

- Configuring Interfaces and Switches
- Configuring Network Addressing
- Configuring Routing and Advanced Switching
- Implementing Network Services
- Explaining Application Services
- Supporting Network Management
- Explaining Network Security Concepts
- Applying Network Security Features
- Supporting Network Security Design
- Configuring Wireless Networks
- Comparing Remote Access Methods
- Summarizing Cloud Concepts

Hands-on Labs:

- Explaining Network Topologies
- Supporting Cabling and Physical Installations
- Configuring Interfaces and Switches
- Configuring Network Addressing
- Configuring Routing and Advanced Switching
- Implementing Network Services
- Explaining Application Services
- Supporting Network Management
- Explaining Network Security Concepts
- Applying Network Security Features
- Supporting Network Security Design
- Configuring Wireless Networks
- Comparing Remote Access Methods
- Summarizing Cloud Concepts
- Network Sandbox

For More Information

Please contact us or call 844-475-4559 toll free for more information about our training services (instructor-led, self-paced or blended), coaching and mentoring services, public course enrollment or questions, partner programs, courseware licensing options and more.